

CLAIMS

1. A door seal indication system for indicating seal compression status of a watertight door on a ship, said system comprising:
 - a display assembly for indicating the status of compression of a seal in a door;
 - a plurality of electrically coupled switches disposed under said seal,
 - wherein actuation of all of said switches by compression of said seal causes said display assembly to indicate the door is closed.
2. A door seal indication system as in claim 1, wherein said plurality of switches are located at each latching point of said door.
3. A door seal indication system as in claim 2, wherein said display assembly includes a battery and two LEDs.
4. A door seal indication system as in claim 2, wherein said display assembly includes two lights and a power source.
5. A watertight door seal compression indication apparatus comprising:
 - a watertight door in a frame;
 - a gasket disposed in a channel around the periphery of said door;
 - a closure edge of said frame positioned to compress said gasket upon latching said door shut;
 - a plurality of switches interposed between said channel and said gasket,
 - wherein said switches electrically close when said closure edge fully compresses said gasket completing the circuit;
 - a display assembly responsive to said plurality of switches to indicate the status of the gasket compression.
6. A door seal compression indication apparatus as in claim 5, wherein said door includes a plurality of latching points and a switch located at each said latching point.
7. A door seal compression indication apparatus as in claim 6,

167 wherein said status is displayed by a green LED indicating the seal is
168 compressed and a red LED indicating the seal is not compressed.

169 8. An indication device for displaying the seal compression status of a
170 watertight door seal, wherein the actuation of switches in response to the door
171 shutting indicates a proper seal, said device comprising:

172 a plurality of switches wired in series disposed under a door seal, wherein
173 said switches have an open state and a closed state; and

174 a display responsive to said switch states.

175 9. A device as in claim 8, wherein said display includes a red LED responsive to
176 said open state and a green LED responsive to said closed state.